



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): *Ma, T, et al..*

Serial No.: 09/513,702

Filed: February 25, 2000

For: SEMICONDUCTOR LASER DEVICE

Group Art Unit: 2877

Examiner: Delma R. Flores-Ruiz

Attorney Docket: 00120/HG (007742-0034) [6635-60672]

CERTIFICATE OF  
MAILING/TRANSMISSION  
(37 C.F.R. § 1.8A)

I hereby certify that this correspondence is, on the date shown below, being:

(X) deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to the Commissioner for Patents, Washington, D.C. 20231.

( ) transmitted by facsimile to the Commissioner for Patents.

April 15, 2003  
Date  
Hal R. YeagerCommissioner for Patents  
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is an Amendment Under 37 CFR 1.111 and 1.115 in the above-identified application.

( ) A paper requesting correction/substitution of drawings is attached.

( ) No additional fee is required.

FEE CALCULATION FOR CLAIMS AS AMENDED

Claims Rem. After Amend.	Claims Previously Paid For Extra	(3)Present Rate	Half	Addit. Fee	OR	Full Rate	Addit. Fee
*Total 29 Minus	28	= 1	x9=	\$		x18=	\$ 18.00
*Indep. 2 Minus	3	= 0	x42=			x84=	\$ 0.00
[ ] First Presentation of Multiple Dep. Claim				+140=	\$	+280=	\$
				Total Addit. Fee \$	OR	Total Addit. Fee	\$ 18.00

( ) Small Entity Fee (reduced by half)

( ) A check in the amount of \$\_\_\_\_\_ is attached.

(X) Charge \$18.00 to Deposit Account No. 501395.

The Commissioner is hereby authorized to charge any additional fees which may be required in this application under 37 C.F.R. §§1.16-1.17 during its entire pendency, or credit any overpayment, to Deposit Account No. 501395. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 501395. This sheet is filed in duplicate.

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By:

Hal R. Yeager

Registration No.: 35,419

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Applicant(s): MUKAIHARA, T. *et al.*  
Serial No.: 09/513,702  
Filed: February 25, 2000  
For: SEMICONDUCTOR  
LASER DEVICE  
Group Art Unit: 2877  
Examiner: Delma R. Flores-Ruiz  
Attorney Docket: 00120/HG (007742-0034)  
[6635-60672]

**CERTIFICATE OF  
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4/15/2003  
Date Mal R. Yeager

Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT "C"**

Sir:

The following amendments and remarks are made in response to the third Office Action mailed January 15, 2003. Reexamination and reconsideration of the application in light of the following amendments and remarks are respectfully requested.

**In the Claims:**

**Please amend Claim 1 as follows:**

(Please substitute the following amended claim with the pending claim with the same number.)

1. (Twice Amended) A semiconductor pumping laser device comprising:  
a resonator cavity having a first end face and a second end face, and comprising a cavity portion between the first and second end faces, the cavity portion having a length greater than or equal to 1200  $\mu\text{m}$  and a width along the entire length that can only support a single transverse mode;

a laminated structure of a semiconductor material including an active layer comprising at

least one quantum well structure, said laminated structure being formed on a substrate and

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Amendment "C"

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